

THE TYPES OF CER CERINE WASPS DESCRIBED BY  
NATHAN BANKS (HYMENOPTERA: PHILANTHIDAE)<sup>1</sup>

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*Abstract.*—A study of the type material of the 52 species-group taxa of *Cerceris* and one species of *Eucerceris* described by Nathan Banks is reported. Lectotypes of 25 species-group taxa of *Cerceris* are designated. Banks designated holotypes in his original descriptions for two species of *Cerceris*, and the types of the remaining 25 species-group taxa of *Cerceris* and one species of *Eucerceris* are accepted as holotypes since the original descriptions state or imply that only one specimen was involved and only one specimen was found.

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In a series of nine papers from 1912 to 1947 Nathan Banks described 52 species-group taxa in the genus *Cerceris* and one species of *Eucerceris*. In only two cases did he unambiguously designate a holotype in the original description. He states the number of specimens in the type series in some cases but not in others. Most, but not all, specimens comprising syntype series are conspecific. Type material for 49 of Banks' taxa is in the Museum of Comparative Zoology, Cambridge, Massachusetts (MCZ), type material of three species is in the American Museum of Natural History, New York (AMNH), and one species is represented by type specimens in both institutions.

Lectotypes are designated below for 25 taxa. Holotypes of two species were designated by Banks in the original descriptions. The remaining 26 taxa are represented by holotypes since only one type specimen was found and the original description either states or implies that only one specimen was involved.

In the MCZ each holotype and each specimen in a syntype series bears a red MCZ label with the printed word TYPE and the type number handwritten below it. Each specimen in a syntype series carries the same type number. In his 1917 and 1947 papers Banks stated the MCZ type number for each newly described species, but he did not do so in his other papers.

For the taxa described from 1912 to 1917 there is usually a small, red

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<sup>1</sup> Oregon Agricultural Experiment Station Technical Paper No. 6484.

label with only the handwritten word "type" on one, and only one, specimen of a syntype series in addition to the red MCZ type label. For the taxa described from 1912 to 1919 subscript numbers are usually found written below the letter "E" of the printed word "TYPE" on the red MCZ label. One specimen of a syntype series is always without a subscript number. The subscript numbering starts with "2" and proceeds consecutively according to the number of specimens in the syntype series. Where the small, red handwritten type label also occurs, it is always on the specimen without a subscript number. I assume that the presence of the small, red handwritten type label and/or the absence of a subscript number signifies Banks' intention that the specimen so labelled be regarded as the type. To the extent possible I have been guided by the above labelling in selecting lectotypes. In some cases there are no such clues. In two cases I have deviated from the above guideline because of the seriously damaged condition of the specimens which I would have otherwise selected.

Except as otherwise noted, when a single specimen was found, and nothing in the original description indicates that more than one specimen was involved, that specimen is accepted as the holotype. With the exception of *Cerceris huachuca*, all holotypes and lectotypes are in conformity with the original descriptions.

Each holotype and one specimen of each syntype series carries a determination label in Banks' handwriting. With one exception (*C. semiatra*) the word "Type" is written on the label. These "header" labels usually have several pinholes, and it cannot be assumed that the specimen on which the header label now occurs is the one on which it was placed by Banks. The present placement of these header labels on specimens within syntype series is not always consistent with the occurrence of the small, red handwritten type label or the presence or absence of the subscript numbers discussed above. These header labels have largely been ignored in selection of lectotypes.

Individual specimens of eight species bear a curious blue "Paratype" label in a handwriting that does not appear to be that of Banks. There is no apparent pattern as to the specimen in a syntype series on which this label appears. Hathaway (1981) states "No one here [MCZ] knows anything about the blue paratype labels". These labels have been ignored in lectotype selection.

Synonymy and taxonomic status of the 52 species of *Cerceris* described by Banks will be treated in a forthcoming synonymic check-list of North and Central American *Cerceris*.

*Cerceris abbreviata* Banks, 1919:84

Described from "Males from Yakima River, Little Spokane and Umatilla, Washington. June and July (S. Henshaw)". Number of specimens and MCZ

type number not stated. Five conspecific syntype males are in the MCZ with the type number 13794 labelled as above. One specimen labelled "Yakima R., W. T., Nelson's, July 4,5, '82" is without a subscript number on the MCZ type label and is designated lectotype. The other four specimens have subscript numbers 2, 3, 4, 5 respectively.

*Cerceris alaope* Banks, 1912:22

Described from both sexes "From Falls Church, Va., 5 June on *Ceanothus*". Number of specimens and MCZ type number not stated. The male is described first in the original description, and the female is given rather cursory treatment. A male and a female in the MCZ with type number 13784 are labelled as above except that the male carries the date "5 July" and the female the date "26 June". The date of "5 June" in the original description is considered to be a *lapsus*. The male bears a small, red handwritten type label in addition to the MCZ type label and is designated lectotype. The female is not conspecific but is a specimen of *Cerceris clypeata* Dahlbom with reduced pale markings on the posterior terga.

*Cerceris ampla* Banks, 1912:16

Described from both sexes from "Fedor, Lee County, Texas (Birkman)". Number of specimens and MCZ type number not stated. A female and a conspecific male are in the MCZ with type number 13769. The female with a small, red handwritten type label and a MCZ type label without a subscript number is designated lectotype. The male has the subscript number 2 on the MCZ type label.

*Cerceris arelate* Banks, 1912:18

Described from the female "From Great Falls, Va., 20 June". Number of specimens and type number not stated. One female in the MCZ labelled as above with type number 13779 is accepted as the holotype.

*Cerceris (Apiratrix) [sic] arizonella* Banks, 1947:32

Described from "One male from Tempe, Arizona, 1 August (Bequaert). Type M.C.Z. no. 23538". One male in the MCZ labelled as above is accepted as the holotype.

*Cerceris arno* Banks, 1947:19

Described from two conspecific females "From Colton, Calif. (Pilate), Eddy Collection, and mountains near Claremont (Baker). Type M.C.Z. no. 23542". The two females labelled as above are in the MCZ. The female from Colton carries both a red MCZ Paratype label with the number 23542 and a MCZ Holotype label with the "Holo" handwritten before the printed word TYPE. The anterior four legs and most of the antennae are missing from this specimen. The second specimen is labelled "Mts. near Claremont, Cal. Baker" and bears a MCZ type 23542 label as well as a small, white

handwritten "*ferruginior*" label. Although the gaster is glued to the second label, the specimen from "Mts. near Claremont" is in much better condition and is designated lectotype.

*Cerceris astarte* Banks, 1913b:424

Described from the female from "Falls Church, Va., 7 and 8 Sept. 1912". Number of specimens and type number not stated. One female is in the MCZ labelled "Falls Church, Va., 7-IX" with the type number 13788 and a small, red handwritten type label. Since two collection dates were given in the original description, it is presumed that more than one specimen was involved. The above labelled specimen is designated lectotype.

*Cerceris athene* Banks, 1947:20

Described from the female "From Claremont, Calif. (Baker). Type M.C.Z. no. 23537". Number of specimens not stated. One female in the MCZ with the above labelling is accepted as the holotype.

*Cerceris atramontensis* Banks, 1913b:425

Described from the female "From Valley of Black Mts., N. Car., 23 July, 1906 (Beutenmuller)". Number of specimens and type number not stated. One specimen is in the AMNH with the above labelling and bears a label "*Cerceris atramontensis* Bks.—Type" in Banks handwriting. It has a red "Type AMNH" label with no number plus a label reading "Am. Mus. Nat. Hist., Dept. Invert. Zool. No. 21180", and it is accepted as the holotype.

*Cerceris belfragei* Banks, 1917:114

Described from both sexes from "Type.—M.C.Z. 10029. Texas. G. W. Belfrage. Coll. Peabody Academy Science, Salem. Four specimens". Three females and one male are in the MCZ with the above type number. One female labelled "Tex." lacks a subscript number on the MCZ type label and is designated lectotype. The male has subscript number 2, and two females have subscript numbers 3 and 4 respectively. The four specimens are conspecific. The female with subscript number 3 has the blue paratype label described in the introductory discussion.

*Cerceris calodera* Banks, 1947:22

Described from "One [male] from Jacumba, Calif., 12 August 1917. Type M.C.Z. no. 27622". One male in the MCZ with the above labelling is accepted as the holotype.

*Cerceris jucunda carolina* Banks, 1912:26

Described from specimens "From Southern Pines". Number of specimens, sex and MCZ type number not stated. Reference in the original description to the mesosternal processes indicates that he had males. Three conspecific males from "Southern Pines, N.C." are in the MCZ with the type number 13785. A male with the collection date "VI-4-09", a small, red handwritten type label and the MCZ type label lacking a subscript number is designated

lectotype. It also carries the blue paratype label described earlier. The other two males have collection dates of "VI-4-10" and "VII-12-09", and bear subscript numbers 2 and 3 respectively on the MCZ type labels.

*Cerceris carrizonensis* Banks, 1915:403

Described from the male from Uvalde, Texas (misspelled Walde in the original description). Number of specimens and MCZ type number not stated. One male in the MCZ with type number 13772 labelled "Uvalde, Texas, June 19-20, 930 ft." is accepted as the holotype.

*Cerceris catawba* Banks, 1912:25

Described from both sexes "From Southern Pines, N. Car. June. (Manee)". Number of specimens and MCZ type number not stated. A female and a conspecific male with the above labelling in the MCZ have the type number 13787. The female bears a small, red handwritten type label in addition to the MCZ label, the latter being without a subscript number. The specimen is labelled "Southern Pines, N.C., VI-5-09" and is designated lectotype. The male has a collection date of "VI-4-09", and the MCZ type label has the subscript number 2.

*Cerceris chryssipe* Banks, 1912:18

Described from both sexes from "Falls Church, Va. in July on *Cicuta*". Number of specimens and MCZ type number not stated. One female and six conspecific males are in the MCZ with type number 13791. The female has a small, red handwritten type label in addition to the MCZ label, the latter being without a subscript number. It is labelled "Falls Church, Va., 30-VII" and is designated lectotype. The males have the subscript numbers 2, 3, 4, 5, 6, and 8 on the MCZ type labels. The specimen with subscript number 7 has been found in the U.S. National Museum, Washington.

*Cerceris clymene* Banks, 1912:20

Described from both sexes "From Glencarlyn, Va., 23 June, (*Ceanothus*), and Falls Church, Va., 30 July". Number of specimens and MCZ type number not stated. One female and three conspecific males are in the MCZ with type number 13789. All are from "Falls Church, Va., 30-VII", there being no specimen from Glencarlyn, Va. The female bears a small, red handwritten type label, lacks a subscript number on the MCZ type label, and is here designated lectotype. The males have the subscript numbers 2, 3, and 4 respectively.

*Cerceris completa* Banks, 1919:83

Described from "Male from Claremont, California (Baker)". MCZ type number not stated. One male labelled as above in the MCZ with type number 13767 is accepted as the holotype.

*Cerceris dakotensis* Banks, 1915:402

Described from both sexes "From Fargo, N. Dak., July 7 to Sept. 6 (Stevens

coll.)". Number of specimens and MCZ type number not stated. A female and two conspecific males are in the MCZ with type number 13770. The female has a small, red handwritten type label and the MCZ label is without a subscript number. It is labelled "Fargo, N.D., Jul. 9, 1911, O. A. Stevens, *Melilotus alba*" and is designated lectotype. Males have subscript numbers 2 and 3 on the MCZ label and have collection dates of "July 7, 1911", and "Aug. 2, 1913", respectively. The collection date of "Sept. 6" is not represented in the type material.

*Cerceris denticularis* Banks, 1917:113

Described from both sexes from "Type—M.C.Z. no. 10,028. Oregon: Umatilla, June, 1882; Washington: Lone Tree, Yakima River, 30 June, 1882. Samuel Henshaw. Nine specimens." Four females and two males, all conspecific, with the above type number are in the MCZ. A female labelled "Umatilla, Or., June 24, '82" is without a subscript number on the MCZ type label and is designated lectotype. Three females have the subscript numbers 2, 3, and 6, respectively, and two males have the subscript numbers 7 and 8, respectively. The male with subscript number 7 is labelled "Spokane, W. T., July 27, '82", a locality not mentioned in the original description. The subscript numbers 4 and 5 are not represented.

*Cerceris englehardti* Banks, 1947:12

Described from "A male from St. John, Arizona, 27 July, 1931 (G. P. Englehardt). Type M.C.Z. no. 27638". One male labelled as above is in the MCZ, but the MCZ label states "MCZ Paratype 27638". Since the original description states "a male" and only one specimen was found, I regard the red paratype label as a *lapsus* in labelling and accept the specimen as the holotype.

*Cerceris eurymele* Banks, 1947:11

Described from "The female holotype from Davis, Calif., 30 June (Bohart), M.C.Z. no. 23546, and males from El Cajon, Calif., May 1 (Van Duzee), and Santa Barbara, Calif., 18 July (Cockerell), Riverside, Calif., 4 Oct. (Melander)". The female holotype as designated above is labelled with a red MCZ holotype label in addition to the MCZ 23546 type label. Three males each carry a red MCZ paratype label with the type number 23546.

*Cerceris floridensis* Banks, 1915:403

Described from the male "From Gulfport, Fla. (Reynolds)". Number of specimens and MCZ type number not stated. One male labelled as above in the MCZ with the type number 13765 is accepted as holotype.

*Cerceris gnarina* Banks, 1913a:237

Described from the female "From Vinita, Indian Terr., 7 June (Wickham), Colorado Springs, Colo., 16 June (Wickham), and Chimney Gulch, Golden,

Colo. (Oslar). Type American Mus. Nat. Hist. Co-type, Author's Collection". Number of specimens and type number not stated. The above record of type material does not indicate which specimen was placed in the AMNH. A female in the AMNH with the labelling "Vinita, Ind. T., June 7, 8, '99" and "*Cerceris gnarina* Banks—Type" in Banks' handwriting is designated lectotype. An identically labelled specimen is in the MCZ except that it bears a red MCZ type label with number 13768 and is without a subscript number. It also bears a label in Banks' handwriting "*Cerceris gnarina* Bks.—Co-type". Another female in the MCZ from "Chimney Gulch, Golden, Colorado", has the subscript number 2 on the MCZ type label. The Colorado Springs locality mentioned in the original description is not represented. The three specimens examined are conspecific.

*Cerceris grandis* Banks, 1913b:423

Described from the female "From Ft. Yuma, Arizona; Amer. Mus. Nat. Hist.". Number of specimens not stated. One female in the AMNH with the above labelling and with "*Cerceris grandis* Bks.—Type" in Banks' handwriting is accepted as the holotype.

*Cerceris halone* Banks, 1912:24

Described from the female "From Falls Church, Va." Number of specimens and type number not stated. One female in the MCZ from the above locality with the type number 13777 and bearing a small, red handwritten type label is accepted as the holotype.

*Cerceris hesperina* Banks, 1917:115

Described from "Type—M.C.Z. 10,031. Washington: Yakima, July, 1882; Ainsworth, July, 1882. Samuel Henshaw. Four specimens". A female and three males, all conspecific, are in the MCZ with the above labelling. The female from "Ainsworth, W. T., July 20, '82" without a subscript number on the MCZ type label is designated lectotype. The males have subscript numbers 2, 3 and 4 respectively. The male with subscript number 3 is labelled "Yakima City, W. T." whereas the others are from "Ainsworth, W. T." Scullen (1965) incorrectly stated that the female was from Yakima, Washington.

*Cerceris (Apiratrix) [sic] huachuca* Banks, 1947:29

Described from the male "From Patagonia, Arizona, 20 August (Bequaert). Type M.C.Z. no. 27636". Number of specimens not stated. One specimen labelled as above is in the MCZ. The thorax and gaster, in one piece, are glued to a point with a head glued separately to the same point. The head is that of a species different from that of the thorax and gaster. The thorax and gaster agree with Banks' original description, but the head does not. The specimen as represented by the thorax and gaster, but not the

head, is accepted as the holotype. I have placed a "note" on the specimen referring to a memorandum on file at the MCZ detailing my reasons for concluding that the parts of the specimen are not conspecific.

*Cerceris illota* Banks, 1947:23

Described from an unstated number of males "From Tucson, Arizona, August (Bequaert), also Patagonia, Arizona, 20 August (Bequaert), and Colton, Southern California, 16 August (Pilate); also two from Palmerlee, Arizona (Biedermann). Type M.C.Z. no. 23541". Eleven conspecific males are in the MCZ with the type number 23541, six from Tucson, one from Patagonia, two from Palmerlee and two from Colton. The specimens from Patagonia, Palmerlee and Colton have MCZ type 23541 labels with the specimen from Patagonia having two such identical labels. Three specimens from Tucson have a MCZ type 23541 label, and two specimens from Tucson have a MCZ paratype 23541 label. The sixth specimen labelled "Tucson, Ariz. VIII" with a MCZ holotype 23541 label is designated lectotype.

*Cerceris interjecta* Banks, 1919:84

Described from "Male from Lake Point, Utah, 18 July (Titus)". MCZ type number not stated. The male in the MCZ labelled as above with the type number 13766 is accepted as the holotype.

*Cerceris irene* Banks, 1912:26

Described from the female "From Fedor, Lee County, Texas, 25 June (Birkman)". Number of specimens and MCZ type number not stated. One female in the MCZ with the above labelling and MCZ type number 13781 is accepted as the holotype.

*Cerceris isolde* Banks, 1947:24

Described from the male "From Palmerlee, Arizona, Biedermann coll. Type M.C.Z. no. 23540". One male in the MCZ labelled as above is accepted as the holotype.

*Cerceris melanthe* Banks, 1947:21

Described from the female "From Apache Co., Santa Catalina Mts., Ariz., 25 July, 5500 ft., J. Bequaert collector. Type M.C.Z. no. 23539". One female in the MCZ labelled as above is accepted as the holotype.

*Cerceris nigrifulva* Banks, 1915:402

Described from the male "From Colden, N.Y., July 3 (M. C. Van Duzee)". Number of specimens and type number not stated. A male in the MCZ with the type number 13782 and labelled as above is accepted as the holotype.

*Cerceris finitima nigroris* Banks, 1912:27

Described from the male "From Falls Church, Va., in August". Number of specimens and MCZ type number not stated. Two males are in the MCZ



labelled as above with the type number 13786. One male, dated "7 Aug." with a small, red handwritten type label and no subscript number on the MCZ type label is designated lectotype. The second male is dated "27-VIII" and has the subscript number 2 on the MCZ type label.

*Cerceris nitida* Banks, 1913b:424

Described from an unstated number of both sexes "From Valley of Black Mts., N. Car., 12 to 22 July, 1906 (Beutenmuller)". A female labelled as above, except the date is "June 24, 1906", bearing a "*Cerceris nitida* Bks. — Type" label in Banks' handwriting is in the AMNH and is designated lectotype. The discrepancy in date is considered to be a *lapsus*. The male was not found.

*Cerceris orestes* Banks, 1947:13

Described from an unstated number of both sexes "From Patagonia, Arizona, 1 to 14 August (Bequaert). Type M.C.Z. no. 27637". One female in the MCZ with the above labelling and type number is designated lectotype. There is no subscript number on the MCZ type label. The male was not found.

*Cerceris orphne* Banks, 1947:15

Described from "One male from Jemez Springs, N. Mex., 2 July (Englehardt). Type M.C.Z. no. 23536". A male in the MCZ with the above labelling is accepted as the holotype.

*Cerceris posticata* Banks, 1916:64

Described from the male "From Jemez Mountains, New Mexico, 11 July (Woodgate)". Number of specimens and MCZ type number not stated. One male in the MCZ with the above labelling bearing the MCZ type number 13771 is accepted as the holotype.

*Cerceris prominens* Banks, 1912:19

Described from both sexes "From Falls Church, Va., September and October". Number of specimens and MCZ type number not stated. Three females and two males, all conspecific, are in the MCZ with the above labelling and bear the MCZ type number 13790. One female with a small, red handwritten type label and the MCZ type label without a subscript number is designated lectotype. The other two females have subscript numbers 2 and 3 respectively, and the males have subscript numbers 4 and 5 respectively.

*Cerceris psamathe* Banks, 1912:21

Described from the female "From Fedor, Lee County, Texas (Birkman)". Number of specimens and MCZ type number not stated. One female in the MCZ with type number 13780 bearing the above labelling is accepted as the holotype.

*Cerceris salome* Banks, 1923:21

Described from the female "From Long Island, and Nyack, N.Y., Wellesley, Mass. (Morse); and Jones' Creek, Lee Co., Va.". Number of specimens and MCZ type number not stated. Three conspecific females are in the MCZ with the type number 14705 without subscript numbers on the type labels. One specimen is simply labelled "N.Y.". A second specimen has a label "Coll. A. P. M., Lot 11" and a second label "Coll. A. P. M., Lot 30". A third specimen is labelled "Jones' Cr., Lee Co., Va." and is designated lectotype since this is the only specimen in unambiguous agreement with the original description.

*Cerceris sayi* Banks, 1923:21

Described from both sexes "From Steele, N. Dakota, July 13 (Stevens)". Number of specimens and type number not stated. One female in the MCZ labelled as above with type number 14706 is designated lectotype. The male was not found.

*Cerceris semiatra* Banks, 1947:25

Described from "One male from Patagonia, Arizona, 20 August (Bequaert). Type M.C.Z. no. 27620". A male in the MCZ with the above labelling is accepted as the holotype. The header label in Banks' handwriting spells the name "*semiater*" and lacks the word "type".

*Cerceris (Apiratrix) [sic] seminigra* Banks, 1947:33

Described from "One male from Patagonia, Arizona, 20 August (Bequaert). Type M.C.Z. no. 27621". A male in the MCZ labelled as above is accepted as the holotype.

*Cerceris sextoides* Banks, 1947:10

Described from "Holotype female from Lone Tree, Yakima River, Wash., 30 June 1882 (S. Henshaw); allotype and paratypes from Nelson's, Yakima River, 4-5 July, and Camp Umatilla, 26 June, both Washington and by Mr. Henshaw; also from Davis, Calif., 1 July (Bohart), and one 'California'. Type M.C.Z. no. 23547." The female holotype labelled as above is in the MCZ and bears a MCZ holotype label in addition to the MCZ 23547 label. Four males bear MCZ 23547 paratype labels, and one of these labelled "Yakima R., W. T. Nelson's, July 4, 5 '82" bears a MCZ allotype label in addition to the paratype 23547 label.

*Cerceris snowi* Banks, 1919:84

Described from an unstated number of males "From Tucson, Arizona (Snow) and San Diego Co., Cal. (Van Duzee)". MCZ type number not stated. Three conspecific males are in the MCZ with the type number 13764. One male from "Tucson, Ariz." is without a subscript number on the MCZ label, but the specimen consists only of a pinned thorax with a head glued to the

top label. The head is without antennae and the gaster is missing. A male from "San Diego Co., Cal.", has the subscript number 2. Another male labelled "Tucson, Ariz., F. H. Snow" bears the subscript number 3 on the MCZ label and is designated lectotype due to the badly damaged condition of the specimen without a subscript number.

*Cerceris stevensi* Banks, 1923:22

Described "From Steele, N. Dakota, Aug. 10 (Stevens)". Sex, number of specimens and MCZ type number not stated. Reference to the clypeal process indicates a female. One female labelled as above in the MCZ with the type number 14707 is accepted as the holotype.

*Cerceris stigmosalis* Banks, 1916:64

Described from the male "From Fargo, North Dakota, September, on *Solidago* (Stevens)". Number of specimens and MCZ type number not stated. One male in the MCZ labelled as above with type number 13778 is accepted as the holotype.

*Cerceris thione* Banks, 1947:18

Described from an unstated number of males "From Colton, Calif. (Pilate), Eddy Collection, 24 August and 4 September, and Claremont, Calif. (Baker). One specimen from Colton is only 8 mm. long. Type M.C.Z. no. 23593 [sic]". The type number "23593" of the original description is a typographical error as the specimens are labelled "23543" and the MCZ log indicates "23543". Four conspecific males are in the MCZ with the above labelling. One specimen from "Colton, Calif.", with the date "8-24" and a red MCZ holotype label in addition to the MCZ 23543 label is designated lectotype. The remaining three males have red MCZ paratype 23543 labels.

*Cerceris vanduzeei* Banks, 1917:114

Described from the female from "Type—M.C.Z. 10,030. Calif.: San Diego, June. E. P. Van Duzee. One specimen [sic]". Despite the statement "one specimen" there are two females in the MCZ with identical labelling as above except that one has a small, red handwritten type label and the MCZ label is without a subscript number. It is designated lectotype. The second specimen lacks the small, red handwritten type label and has the subscript number 2 on the MCZ label. I interpret the statement "one specimen" in the original description as a *lapsus*.

*Cerceris (Apiratrix) [sic] vierecki* Banks, 1947:30

Described from the female "From Tempe, Arizona, 1 August (Bequaert). Type M.C.Z. no. 23544". Number of specimens not stated. One female in the MCZ with the above labelling is accepted as the holotype. In addition there are two males in the MCZ from Tempe, Arizona, with collection dates "2-VIII" and "31-VII" bearing red MCZ 23544 paratype labels. Since the

male was not mentioned in the original description, these specimens are without status. They are conspecific with *C. arizonella* Banks described from a male from the same locality.

*Cerceris zelica* Banks, 1912:23

Described from both sexes, the male "From Fedor, Lee County, Texas, 7 June (Birkmann)", and the female "From Lee County, Texas, 7 July (Birkmann)". Number of specimens and MCZ type number not stated. A female and a male in the MCZ with the above labelling and the MCZ type number 13773 are not conspecific. The female with a small, red handwritten type label and the MCZ label without a subscript number is designated lectotype. The male bears the subscript number 2 on the MCZ label, and the gaster is glued to the top label. It is a male of *C. squamulifera* Mickel.

*Eucerceris apicata* Banks, 1915:404

Described from the male "From Yuma, Arizona". Number of specimens and MCZ type number not stated. One male in the MCZ labelled as above with the type number 13742 is accepted as the holotype.

#### ACKNOWLEDGMENTS

I am greatly indebted to Mary Hathaway and Karen Jepson of the MCZ, and to Marjorie Favreau of the AMNH for their cooperation in making the type material available for study. I am especially grateful to Mary Hathaway for taking the time to search the MCZ collection for all available type specimens of the Banks taxa and for valuable background information.

I thank J. D. Lattin, Curator of the Systematic Entomology Laboratory, Oregon State University, for making facilities available for this study, and my colleague P. W. Oman for time spent in discussions regarding various technical and procedural aspects of the work reported here.

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Received September 1, 1982; accepted November 3, 1982.